

1 is that the rates that we currently pay to local
2 exchange carriers are in some cases as much as 40
3 times the default rates specified by the FCC. In
4 other words, we are paying substantially higher
5 services than we believe are justified by cost, and
6 the effect of that is to allow our primary potential
7 competitor, the wired local exchange carrier, to
8 provide services if they choose basically on our
9 backs.

10 We think that there are a couple of changes
11 that are necessary. First of all, it's important to
12 promote competition. If by making the support
13 mechanisms technology-neutral and carrier-neutral we
14 think it's possible to incent competition among both
15 wired and wireless technologies and wired and wireless
16 carriers.

17 Second, if we allow the market or the users
18 to pick the best technology, as several of the other
19 speakers today have advocated, we think that the
20 benefits can be delivered directly to individual
21 consumers, individual schools, individual hospitals,
22 as well as individual businesses. We have some
23 specific suggestions in our written proposal
24 concerning the mechanisms, but fundamentally we
25 suggest that we eliminate the subsidies by eliminating

1 the current payments that are made by wireless
2 exchange carriers to wired exchange carriers and
3 implement what we would suggest is a voucher system.
4 We know that's politically unpopular and that it may
5 be difficult to administer, but at a minimum we would
6 suggest that we allow all carriers to pay into -- that
7 pay into the universal service funds to also receive
8 benefits from the universal service funds.

9 Finally, in conclusion, we think that
10 schools, hospitals, as well as consumers and
11 businesses can receive substantial benefits if we
12 revolutionize the way that communications subsidies
13 are currently structured and allow us to simply
14 provide services to consumers, schools and hospitals
15 based on the most economic and efficient technologies
16 available.

17 JUDGE FFITCH: Thank you. Any questions?

18 CHAIRMAN NELSON: Mr. Stanton, actually
19 part of the universal service provisions of the new
20 act are intended to hedge our bets about the future of
21 competition. They assume that rural areas still may
22 not be served. They assume that low wealth
23 populations still may not be served and they assume
24 that these public institutions still may not be
25 served. I think your points about those that pay into

1 the fund should be eligible to receive from the fund
2 are well taken, but do you think there's a way that we
3 could manage this fund so that it wouldn't grow into a
4 huge new entitlement program? Is there a way we can
5 put a sunset date on it? Is there a way that we can
6 structure it so that we don't hedge our bets against
7 the future competition by actually creating a fund
8 that might perpetuate people's sense of entitlement to
9 being a monopoly provider?

10 MR. STANTON: I think it is possible. Let
11 me first address one fundamental economics of wireless
12 which I think contribute to our ability to better
13 deliver service. Wired technology basically has costs
14 that go up proportionally, in some cases
15 exponentially, the further you get from concentrations
16 of population. Wireless services have some of those
17 benefits. Clearly the more densely populated areas
18 are more economic to serve, but the difference for us
19 is that it's very important to cover highway
20 corridors, and what we found is that in rural areas
21 such as the example I used in Nevada, because we are
22 already building the highway corridors to cover people
23 that are going from one large city to another, it's
24 much more economic for us to provide service in the
25 small communities that are in most cases located

1 within five or ten miles of highways.

2 So we actually have an economic benefit
3 that's inherent in our technology that we think is
4 beneficial, but with respect to sunseting I think
5 that the key is that to the extent that the system
6 eventually relies on competition as the primary
7 mechanism to deliver service that there is going to be
8 an inherent, I think, winnowing away of governmental
9 subsidies as the carriers that are most effective in
10 providing the services essentially take more and more
11 direct responsibility, and if the payment mechanism is
12 essentially on a per consumer or per school or per
13 individual basis, I think it's possible to create a
14 mechanism where, as the costs go down, basically, we
15 can get down to the floor level of the subsidies.

16 CHAIRMAN NELSON: Good answer. One follow-
17 up. In Antelope, Reese River, Nevada and in the
18 hospital example you mentioned, is your technology
19 capable of providing data services to those users as
20 well as voice?

21 MR. JOHNSON: In both cases we currently
22 utilize the cellular technologies, and the industry is
23 currently working on mechanisms to improve the data
24 service. Right now it is possible to provide
25 relatively low speed data services using analog

1 technology and the industry is in the process of
2 finalizing standards which will allow us to provide
3 higher speed data. In the case in Hawaii where we are
4 competing using our PCS technology it's actually
5 possible to provide relatively high speed data,
6 certainly not the kind of computer-to-computer usage,
7 but certainly anything that would satisfy most
8 individual users of a service and probably most
9 applications that would be used in a hospital or
10 school other than in full scale dimension video.

11 CHAIRMAN NELSON: Thank you.

12 JUDGE FFITCH: Other questions? Thank you
13 very much, Mr. Stanton.

14 MR. STANTON: Thanks for the opportunity.

15 JUDGE FFITCH: If you could provide the
16 written version of your comments today to us by mail,
17 that would be --

18 MR. STANTON: I will.

19 JUDGE FFITCH: At this time we will take a
20 break and after we return we'll look at the sign-up
21 list of other people who would like to speak and call
22 you up in order. We'll take about five minutes and
23 return at about ten after three.

24 (Recess.)

25 JUDGE FFITCH: We're going to reconvene

1 now. We'll begin now with speakers who signed up when
2 they came in, and the first person on the list is
3 Ralph Sims of Northwest Nexus. If you could when you
4 come up please just give us a brief introduction of
5 yourself and go ahead.

6 MR. SIMS: Thank you. My name is Ralph
7 Sims. I'm with Northwest Nexus and we are an Internet
8 service provider in the Pacific Northwest. A little
9 bit of background is that when we started as an ISP,
10 Internet service provider, we were one of -- well, we
11 were the first in the Puget Sound region and the
12 Pacific Northwest to provide Internet services to
13 individuals. People normally had access at that time
14 through businesses perhaps or through universities and
15 like, mechanisms but we were the first that would be
16 able to say, Ms. Nelson, you can get an Internet
17 account with us and be directly connected to the
18 Internet. And, as I say, we're one of the first
19 twelve in the world that would do that and the first
20 in the Puget Sound region. Since then, I think we've
21 now been listed as one of the top 100 growth business
22 companies in the Pacific Northwest with about 7200
23 percent increase in revenues over the last five years.

24 The mix of our users in the venue that
25 we're in today would be in state, local government,

1 librarians both in public and private sectors,
2 schools, public and private, 501C3s and so forth, and
3 to these organizations we do offer discount services
4 for Internet access. This may be in terms of 25
5 percent cash discounts or free access to services, we
6 provide the software and so forth if needed. Some
7 successes that we have noted from our users would be
8 the Arbor Heights school and their web site which was
9 featured in one of the pages of Bill Gates's Road
10 Ahead book, as well as the bond issue for the new
11 Redmond public library who utilize our services. We
12 contributed a site location for the web page. They
13 get that information out of (inaudible) issue and so
14 forth. And these different users utilize our service
15 a number of ways from electronic mail.

16 Talk a little bit about the schools here.
17 Electronic mail, worldwide web access, some of the
18 colleges would be private institutions, Bastier, St.
19 Martins, Bellevue Community College, Yelm School
20 District and others. When we started we were kind of
21 limited by the technology that we had available to us,
22 and the service we provided were basically text-based.
23 They were raw information, electronic mail, news,
24 those types of things. Since then we've seen the
25 worldwide web, video conferencing, remote control of

1 mechanical systems across the Internet being used. We
2 were one of the first people, companies, in the world
3 that would allow our users to put worldwide web pages
4 up on the net and since then it's become -- well, we
5 did it before it was fashionable. I guess that would
6 be the way to say it.

7 We have some frustrations. One of these
8 frustrations is based in the telco industry where we
9 have difficulty in getting consistent reliable service
10 through the telcos, predictable services. We have, as
11 a matter of fact, a couple of complaints filed with
12 the WUTC now against U S WEST and I think one with
13 GTE. Some of the frustrations we have are the
14 inability of those telcos to provide the level of
15 service to our users that we feel that those users
16 demand. Some of it has to do with installation of
17 second lines. Some of it has to do with installation
18 of ISDN. Some of it has to do with technology where
19 U S WEST was pushing out the install dates up to six
20 months on front relay. We think this is unacceptable.

21 Some of the areas of concern also from the
22 telco industry that we see is we have limited means of
23 competition with companies such as AT&T, MCI and
24 Sprint and so forth, because they were able to connect
25 directly to the local telco, for instance, with U S

1 WEST and colocate directly with them. There's a
2 limitation in U S WEST's switching, the software that
3 they use in their switches, whereby call forwarding is
4 only limited to 99 paths along the call forward path,
5 and some of the major players such as U S WEST don't
6 have to deal with these types of things. So we think
7 there's a competitive issue there, and I think that
8 the commissions might want to go ahead and consider
9 some of these things as they go and develop policy.
10 We are also unable to colocate specifically with
11 telcos because we are not a telecommunications
12 industry, although where in the city of Tacoma thought
13 at one time that we were and the recent revocation of
14 the taxation of ISPs as being a telecom provider may
15 -- I will address later. We have some other issues
16 here as well.

17 We also have some frustrations within our
18 own industry because we don't have any common speaker
19 or common organization. We're rather fragmented there
20 and, as such, think there's a misunderstanding of what
21 we do and even amongst others in how we relate to the
22 telcos or how we relate to the WUTC or other utility
23 commissions. Are we a telecommunications provider?
24 Are we subject to those same rules and regulations?
25 Are we common carriers? Those things I think we need

1 to address, and we need to work closely with these
2 commissions in order to help them understand, help
3 ourselves understand exactly where we are.

4 We're in a fledgling industry and it
5 changes almost daily, and I think we need some help
6 from the more established organizations on helping us
7 define where we might participate in the regulatory
8 processes. This lack of definitions is definitely
9 prominent. Also, as an industry do we generate an
10 abnormal demand upon the infrastructure of the telcos
11 by placing, for instance, a lot of users in one
12 particular area on Internet services that impact the
13 -- that, in fact, the telco in delivering those types
14 of services -- for instance, an ISDN, there's some
15 switching issues that the telcos have that will not
16 allow them to actually meet demands that we place on
17 their switches. We've actually taken down a couple of
18 central offices in the Puget Sound region as our users
19 have exceeded the capacity of the telco to provide the
20 infrastructure.

21 Also we have some frustrations in
22 technology. We've seen over history, as short as our
23 history is, and in our case approximately almost four
24 and a half years, that the demand for band width
25 multiplies approximately ten times every two years,

1 and we've tried to remain flexible enough as we can to
2 provide the technology a couple of years ahead of time
3 and try to figure out what people are going to be
4 doing for a couple of years before they wind up doing
5 it. Some of these things that we wind up with are,
6 again, in video conferencing and high speed two-way
7 (inaudible) band communications. ISDN is addressing
8 this, although we find we have limitations when we
9 deliver those services.

10 Another one of our frustrations is
11 regulatory, the taxation issue that was currently
12 settled with the city of Tacoma. Where might this go
13 in the future, whether it would be to the state in
14 providing, I think it was suggested, of one percent
15 tax on providers of services? Are other ISPs going to
16 fall within this definition as well? I think we would
17 like to address that. And we have also -- somewhat
18 regulatory -- we have not been able to receive any
19 benefit from tax relief as a technology industry. I
20 don't know if we are even recognized as a technology-
21 based industry, but I believe that the state of
22 Washington has not seen it fit to be able to lump us
23 in with other companies that would receive some type
24 of a tax break because we are -- at least we believe
25 we are on the leading edge of this technology. Some

1 types of tax relief would allow us at least to develop
2 some of the technologies that people might be using
3 further down the road. Kind of reminds me of the old
4 days of citizen band radio in which there was a little
5 chip that was called a phase lock tube vacillator that
6 went inside of these CBs that helped them -- they made
7 them small and made them fairly efficient. While the
8 chip had been around for a while, the citizen's band
9 industry itself brought the capabilities of that chip
10 more into the industry, and right now it's an inherent
11 part of a lot of the technology that we use including
12 cellular phones, microwaves and et cetera.

13 So what we would like to be able to do in
14 order to help us identify what we are is perhaps work
15 closely with organizations such as the WUTC, the
16 Federal Communications Commission and others in
17 sharing ideas with interested parties and perhaps part
18 of a work group or in a co-committee. Some things
19 that we also need to do would be educate our users on
20 what it is you folks are trying to accomplish so that
21 they can help support some of your efforts, and some
22 of the information that I've taken from the table
23 today might help on that. I would also be open to any
24 questions that you might have.

25 JUDGE FFITCH: Any questions?

1 CHAIRMAN NELSON: Thank you, Mr. Sims. A
2 lot of this testimony would have been usefully given
3 to the governor's telecommunications task force.

4 MR. SIMS: Unfortunately we were never
5 either invited to attend or knew about it so that's
6 why we're here today because I heard about this.

7 CHAIRMAN NELSON: I would welcome you to
8 visit our web site and if you can get some of your
9 other colleagues that you know about in the industry,
10 we've had a few individual visits, but set up an
11 appointment. You are organized somehow at the
12 national level because you've managed to avoid paying
13 access charges for many years now.

14 MR SIMS: We've been quite lucky, and I
15 don't think that's been through -- I don't think it's
16 been an organized effort at all. I think it's because
17 maybe until a year or so ago nobody really knew what
18 we did, and now that there seems to be a lot of money
19 attached to the Internet, more legislative
20 organizations are waking up and realizing the fact
21 that we are there although we have been there for
22 quite a while. I would also mention that the fax,
23 telephone fax industry is about a 40 billion dollar a
24 year industry and I think there's others that the
25 government might look at for some of those revenue

1 reliefs, but be that as it may I would like to offer
2 whatever expertise we have.

3 COMMISSIONER GILLIS: I have a brief
4 question. This is a little bit off topic from your
5 comment, but I'm interested in your perspective from
6 your experience. You indicated that some of your
7 clients are schools that you serve. Could you briefly
8 profile the services that those schools are requesting
9 from you, I guess the type of applications, the number
10 of lines. Are they -- how many computers they set up
11 in labs and individual classrooms. What are they
12 looking for?

13 MR. SIMS: Sir, most of these schools are
14 using us over dial-up modem lines, and a lot of the
15 accesses are, although they are identified and paid
16 for by the school and usually initiated by a teacher
17 that has seen the benefit of bringing some type of
18 Internet communications to the classroom, and the Yelm
19 School District dials our local of facility in Olympia
20 and has access in that manner but it is mostly a one
21 computer to the Internet type of situation. St.
22 Martins has a dedicated line, a direct connection to
23 the Internet through us by which they provide Internet
24 services on to their LAN. Bastier and others utilize
25 a predominantly dial-up connection as a means of

1 getting introduced or at least having somebody in
2 their organization introduce the Internet to their
3 peers and seeing how it's going to work. As soon as
4 we have a facility in Bremerton I will be providing
5 Internet access to the school that my children go to.
6 This is something that I want to do. It will be done
7 at no cost. Have direct access to the Internet.
8 Probably be ISDN.

9 COMMISSIONER GILLIS: The experience of the
10 schools certainly at this point isn't broad band
11 access but it's just dial-up over regular phone lines?

12 MR. SIMS: Predominantly dial-up with the
13 exception of some of the private schools that have some
14 level of (inaudible) activity. Again, I would mention
15 St. Martins College and I believe Bellevue Community
16 College as well.

17 COMMISSIONER GILLIS: Thank you.

18 JUDGE FFITCH: Bill Mitchell.

19 MR. MITCHELL: Like to thank you for the
20 opportunity to speak with you today. My name is Bill
21 Mitchell. I'm from the Quileute, Q U I L E U T E
22 tribal school. I'm a telecommunications consultant
23 there.

24 JUDGE FFITCH: Could I ask you to speak a
25 little more closer to the mike?

1 FROM THE AUDIENCE: Having a hard time.

2 MR. MITCHELL: Would you like me to start
3 over?

4 JUDGE FFITCH: No, that's okay.

5 MR. MITCHELL: And formerly I've been down
6 in the University of California San Diego for the past
7 ten years doing telecommunications and computer
8 consulting down there. I am here today with Dr. Lew
9 McGill, who is the superintendent and principal at the
10 Quileute Tribal School, and we have come here to share
11 with you some of our experiences with developing
12 telecommunications solutions for tribal nations. The
13 Quileute Tribal School is in La Push, Washington.
14 It's the most westerly extension of the continental
15 United States. The school's population is
16 approximately 81 students. A total population if you
17 include Head Start would be 150 students. A full 33
18 percent of them are physically or mentally challenged
19 in some way.

20 The Quileute Tribal School receives federal
21 funding from the Department of Education and the
22 Bureau of Indian affairs, and so it was capable or
23 eligible to receive telecommunications services from
24 the Federal Telecommunications System 2000. The
25 federal telecommunications system 2000, as you know,

1 is a 10 billion dollar contract that was given to
2 Sprint and AT&T in 1988. It serves 1.5 million
3 federal workers, 145 federal agencies and is a
4 worldwide network and that contract is due to expire
5 in eight months. Because of the eligibility of the
6 Quileute Tribal School to receive these services that
7 oftentimes give you a connection rate that does not
8 differentiate between voice and data because it's all
9 digital -- it's a completely digital network; it does
10 not differentiate between voice and data -- you can
11 get telecommunications costs for under five cents a
12 minute. In addition, because of the availability of
13 federal entities to be able to receive these services,
14 the costs are far below what anyone can provide in the
15 private sector.

16 The reason that I am mentioning this to you
17 today is because various contacts that school
18 administration at the Quileute Tribal School made with
19 the federal government, the General Services
20 Administration invited myself and another individual
21 from the Quileute Tribal School to attend in Orlando,
22 Florida the network FTS 2000 user's forum. At that
23 forum they stated the outline of the new federal
24 contract. The new federal contract, which will
25 initiate in 1998, will include state, local and tribal

1 entities. All of those entities, federal, state,
2 local and tribal entities, will now be able to reach
3 and receive full FTS 2000 features and services.
4 Of course the local and state indicates that all
5 schools and libraries will now be able to receive full
6 FTS 2000 services, and bring in connectivity at the
7 highest level of technology.

8 All of the speakers that I have heard
9 today, their technological and architectural designs
10 are out of the '80s and '70s. The use of
11 unintelligent transport services like T1 is a waste of
12 money. If you want to do something that would
13 dramatically affect the future of the children of this
14 country you would do everything possible to move to
15 ISDN and frame relay. Trying to design a network to
16 supply students connectivity services based on T1 is
17 basically focusing on just the data aspect. Today's
18 digital switch -- that would be a central office --
19 does not see a difference between data and voice.
20 It's just the telecommunications provider's advantage
21 to make the public believe that there is a difference
22 so they can charge differently.

23 We believe, I believe, that the Quileute
24 Tribal School basically has a state-of-the-art local
25 area network. It has an administration side and it

1 has an instruction side and they are separated by a
2 fire wall that provides privacy for secure
3 administrative data. All students and all
4 administrators have local electronic mail. Students
5 in the tribal schools oftentimes have fetal alcohol
6 syndrome problem and they do not interface well with
7 the people that they need to, the teachers.
8 Interestingly enough, it is a problem, the teachers
9 are a problem in education, but of course we know that
10 they are a problem in education outside of tribal
11 schools, too. And so as a consequence we have found
12 the computer and the Internet a solution because
13 students can set their own curve of learning. When a
14 teacher has 30 students or 20 students to work with,
15 she has to teach at the median level and oftentimes
16 that cheats the student at the top, and so what we are
17 doing here and has been going on here today is we have
18 been stressing competition. I would say that you're
19 stressing competition at the sacrifice of your own
20 children's future. Can you afford to do anything
21 other than to provide free Internet access to all
22 public education? I would like to ask what is the
23 purpose of education. The purpose of education is to
24 produce a productive citizen. What is the purpose of
25 a public library? A public library helps a community

1 maintain democracy by performing the distribution of
2 free information. Can you put a cost on these two
3 things?

4 I would like to recommend that you look
5 into a new type of analysis. I call it switched base
6 analysis where you look at the capacity of the local
7 community's central office and ask what can it do,
8 because that central office has wires into every home,
9 office and business. A lot of people do not know that
10 Northern Telecom provides all the central office
11 switches for PTI. And on January 1st of this next
12 year all rural switches, provided that would be the
13 DMS 10s, will have feature capacities to support ISDN
14 delivery. That has been a stumbling block for a
15 while.

16 We all heard a moment ago about the
17 subscriber loop. The most inefficient part of the
18 subscriber loop is the analog portion that runs into
19 the home. By supplying everybody with digital Centrex
20 -- by the way, I should mention that the 256
21 telephones that are used in state offices in the north
22 Olympic Peninsula will be moving to Digitrex service
23 all out of one central office in Forks, Washington.
24 The entire north Olympic Peninsula receives all of its
25 telecommunications services out of one central office.

1 There are 10,000 people in the north Olympic Peninsula
2 and three major school districts. By connecting them
3 to Digitrex you can do digital cross-connects that
4 will allow them to be an integrated community network
5 at the switch location. They don't have to do it in
6 an individual school infrastructure. What that means
7 is there is no local telecommunications and networking
8 infrastructure. Every time you want a computer you
9 just get a line, a switch, and over that line, because
10 it's got ISDN capability, it's connected to an
11 integrated community network or a telephone, because
12 the switch doesn't notice a difference between the
13 two.

14 I would like to also mention some trends.
15 When we were in Orlando, Florida, AT&T announced the
16 near completion of 50 SONET rings across the United
17 States, synchronous optical network, that were going
18 to be interconnected with asynchronous transfer mode
19 switches, and this was going to be the connectivity
20 pattern of the future. They implemented for the
21 Department of Defense their own SONET ring. On March
22 31st the entire Department of Defense transferred over
23 all services to the FTS 2000 network. Now, the reason
24 I'm mentioning this is because the memorandum of
25 understanding that basically left us with the

1 telecommunications system that we have today where we
2 have local exchange carriers which everyone calls LECs
3 -- and for some reason it sounds to me like ick, but
4 the other one is the interexchange carriers -- I see
5 personally a breakdown of that system due to the
6 Federal Telecommunications Act of 1996.

7 Economic redevelopment. Most people think
8 that development, economic development is the key. In
9 the state of Washington, especially in the north
10 Olympic Peninsula, there have been two catastrophes
11 which have occurred at the same time. The loss of
12 lumber, timbering, and the loss of fishing. These
13 were two industries that basically supported public
14 education and libraries. Both public education and
15 libraries have been taken off of this timber money and
16 this fishing money and put on property taxes. You can
17 imagine the problem that has occurred because of that.
18 How do you fuel economic redevelopment. Not economic
19 development. Redevelopment. The best fuel for
20 economic redevelopment is band width. Free if
21 possible, as low a cost as possible. No one has
22 mentioned the SONET ring. No one has mentioned
23 asynchronous transfer mode. But everyone else in
24 Washington knows all about it.

25 There is a very strange creature that

1 operates in Washington state. It's called Washington
2 state politics. If you maintain the status quo here
3 you will find it very difficult to initiate economic
4 redevelopment. Band width, inexpensive, free to the
5 students, will give your children a future. The
6 maintenance of democracy requires that everybody be
7 informed. How can you put a cost on it at all to the
8 library? We see the library as the key forever.
9 Since you were a little child you went to the library
10 for public service of information, free of charge.
11 Now it's an extended service. If you want to go to
12 the library you should be able to see web browsers at
13 every library. It should be a guarantee to the
14 citizen. High band width, very fast. It's also the
15 best spot to re-educate people. The schools cannot
16 afford it any more. In Forks, Washington the high
17 school doesn't even have shop facilities to train
18 their citizen how to work in the biggest aircraft
19 factory in the world. They don't have metal shops,
20 they don't have wood shops, they don't have electronic
21 shops and they call that quality education.

22 JUDGE FFITCH: Mr. Mitchell, we do have a
23 number of other speakers that we would like to fit in.
24 Appreciate your comment but if you could finish up.

25 MR. MITCHELL: I'm done. I'm here for you.

1 Are there any questions at this point?

2 CHAIRMAN NELSON: Mr. Mitchell, when you
3 say free, do I understand you to mean free to the
4 users of the library or free to the library as well.

5 MR. MITCHELL: The library has always
6 provided free service of information to the citizens.
7 How it's funded is typically by property tax. If
8 there is a source of money in the local area like
9 lumber, then they come in with additional money, but
10 the thing of it is the library is a key to carry on.

11 CHAIRMAN NELSON: We were in Spokane last
12 weekend. We heard actually a representative of
13 the McCaw tribe talk and he indicated, as you just
14 did, that there's a lot of facilities available,
15 paradoxically enough, in the Olympic Peninsula but the
16 problem is coordinating people's access to the
17 facilities.

18 MR. MITCHELL: And that's what the library
19 could do. That could become its new function.

20 CHAIRMAN NELSON: But the trouble is what
21 we're dealing with here is not even the question of
22 taxes, it's a question of using ratepayer money to
23 fund, and using ratepayer money can become a very
24 regressive tax policy. We found from the gross
25 numbers in this docket that we could be talking

1 anywhere from 75 cents a month rate increase to more
2 than \$12 a month.

3 MR. MITCHELL: But you don't know what the
4 actual figures are because I have not heard anybody in
5 FTS 2000 speak at all. When I told them about this
6 meeting, the commissioner's office of FTS 2000 had no
7 idea that the states were working on independent
8 pricing policies.

9 CHAIRMAN NELSON: And actually we didn't
10 know -- your testimony can be very useful about
11 bringing the FTS contract to our attention. That's
12 very interesting information.

13 MR. MITCHELL: I want to thank you for your
14 time.

15 CHAIRMAN NELSON: Thank you.

16 JUDGE FFITCH: Ed Jacobs, Tacoma Public
17 Schools.

18 MR. JACOBS: Hi. I'm Ed Jacobs. I am an
19 independent contractor working for a
20 telecommunications firm doing consulting. I have a
21 master in telecommunications management and I am a
22 registered communications distribution designer.
23 Earlier today there was a question about how much
24 schools were involved in higher speed communications,
25 and so while I was waiting, I put a little list